W. MD. MALLET

LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

Locomotive Tender

DETAIL INDEX No. 5554-T

Class 8-10500 Dept. DRAWING ROOM

FOR USE WITH

Engines No. 5554-63 1916

Engines No. 19

Engines No. 19

Engines No. 19

Engines No. 19

Engines No. 19

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FORM LED. 32

5554

Index No. _____ Date of Issue _____

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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1	P	DRAWGEAR		850-D-137	Cardwell G-17 ord	—	—	—	—	—
2		Coupler Pocket	—							
3	P1	" ~~Follower~~ Yoke Carrier	1	460-D-226	—	—	—	26334	—	—
4	P	" Yoke	1	850-D-137	Universal Dg. Attach. Co	—	—	—	—	—
5		" Follower Guide								
6	P	" Carry Iron	1	850-D-137	—	1½"x5"x35" Long	—	—	—	—
7	P	Draft ~~Hook~~ Gear Spring Rod	1	D-46027	Nuts Furnished by Cardwell	D46027	—	—	—	—
8		" Link	—							
9		" Lever	—							
10		" Screw	—							
11	P	" Chain	1	—	—	To Suit Frame Shop	—	—	—	—
12		" " Clevis	—							
13	P	Drawbar Pin	1	270-D-126	—	270-D-126	—	—	—	—
14	P	" " Support	1	460-D-144	—	270-S-103	—	—	—	—
15		Safety Chain Pin	—							
16	P	Draft Gear ~~Check~~ Spring Casting Guard R L	1	850-D-137	—	460-S-230	—	—	—	—
17	P	" " Key	1	460-D-227	Carbon Steel Heat Treated	460-D-227	—	—	—	—
18	P	~~Drawhead Brace~~ Washer	1	"	Mall. ord on P.D	—	—	—	—	—
19	P	Uncoupling Shaft	1	850-D-137	—	270-S-106	—	—	—	—
20		" " Arm	—							
21	P I	" " Bracket	3	D-27047	—	—	270-P-11	—	—	—
22		Draft Gear Key Cotter	1	460-D-227	—	460-D-227	—	—	—	—
23										
24										
25										
26										
27										
28	P	FRAME M.O. 1578	1	858-B-22 850-E-145	—	—	—	—	—	—
29	P	" Center Sill	2	"	13" 55# Channels	—	—	—	—	—
30	P	" Side Sill	2	"	10"-30# "	—	—	—	—	—
31		" End Sill	—							
32		" Corner Angle								
33		" " Bracket								
34	P	" " Knee Front	2	850-E-145	—	460-S-74	—	—	—	—
35		" Brace	—							
36		" "	—							
37		" "	—							
38	P	" Filling, Bolster R L	8 8	460-D-148	7/16 Plate, ord	—	—	—	—	—
39		" "	—							
40		" Pull Rods	—							
41		" Bolster	—							
42		" " Angle	—							
43		" " Plate	—							
44		" " Truss Bar	4	850-E-145						
45	P	" " " Brace	4	850-E-145	3/4"x12" Plate, ord	460-S-237	—	—	—	—
46	P	" " " Plate	4	"	½"x12" " ord	460-S-238	—	—	—	—
47		" " " Rods	—							
48		" " Tie Plate	—							
49	P I	" Center Plate	2	460-D-143	—	—	—	675 460-P-27	—	—
50	P	" Side Bearing	4	460-D-221	Plates to Provide 3/16 Clearance bet. Frame & Truck	—	—	25189 235	—	—
51		" " "	—							
52	P I	Draw Casting-Front	1	460-D-144		2-Bushings 6 3/4" D19x4½" Ream Sizes, Case Hardened		1450 460-P-26	—	—
53		Bumper-Front	—							
54		Safety Chain	—							
55		" " Clevis	—							
56		" " Staple	—							
57	P I	Chafing Casting Rear	1	460-D-146	—	—	—	260 460-P-28	—	—
58	P	" Iron Front	1	—	Radial Buffer	—	—	—	—	—
59		Spring Buffer	—							
60	P	Wrecking Frog Bracket	1	850-E-145	—	460-S-131	—	—	—	—
61	P	" " "	1	850-E-145	—	460-S-233	—	—	—	—

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		FRAME (Cont.)								
1	P	Draw Casting-Back	1	460-D-228	—	—	—	1115 460-P-31	—	—
2		Bumper-Back	—							
3	P	Push Pole Pocket	2	D-25102	—	—	250-P-5	—	—	—
4	P	" " ~~Support~~ Hook	2	850-E-145	—	460-S-129	—	—	—	—
5		Check Chain	—							
6		" " Pocket	—							
7		" " Hook	—		—	—	—	—	—	—
8	P	Tender Floor	1	850-E-145	2"x10" oak	—	—	—	—	—
9	P	" " Edge	2	"	2"x2"x¼ angle	—	—	—	—	—
10	P	" Deck	1	470-E-413	Wood & Plate	—	—	—	—	—
11		" " Shovel Plate	—							
12	P	Tool Hook	3	850-E-145	—	460-S-130	—	—	—	—
13	P	Push Pole	1	520-D-149	Material Ord on Equip Sheet	—	—	—	—	—
14	P	" " Support	2	"	—	460-S-134	—	—	—	—
15	P	Water Connection Bracket	1	7/25/12 held 560-D-322	5/8" Plate	560-D-322	—	—	—	—
16										
17										
18	P	FRAME BODY BRAKE		850-E-145	—	—	—	—	—	—
19	P	Body Brake Lever	2	480-D-140	—	480-D-140	—	—	—	—
20		" " "	—							
21	P	" " " Support	1	850-E-145	—	480-S-118	—	—	—	—
22	P	" " " "	1	"	—	480-S-119	—	—	—	—
23	P	" " Connecting Rod R	1	D-4861-8 Group	—	D-4861-8 Group	—	—	—	—
24	P	" " " " L	1	" 24	—	D-4861-24	—	—	—	—
25		" " Equalizer	—							
26		" " Fulcrum	—							
27		" " Rod	—							
28		" " Clevis	—							
29		" " Sheave	—							
30		" " " Support	—							
31		" " Shaft	—							
32		" " " Cap	—							
33		" " " Hanger	—							
34		" " " Step	—							
35		" " " Wheel	—							
36		" " " Handle	—							
37		" " " Pawl	—							
38		" " " " Plate	—							
39		" " " Ratchet	—							
40		" " " Weight	—							
41	P	" " Cylinder	1	850-E-145	14"x12"	—	—	—	—	—
42		" " " Head	—							
43		" " " "	—							
44		" " " Support	—							
45		Tender Brake Piston	—							
46		" " " Follower	—							
47	P	" " " ~~Ring~~ Rod.	1	D-4868-9 Line	—	D-4868-9 Line	—	—	—	—
48		" " " Rod	—							
49		Brake Reservoir Hanger	—							
50		" " Strap	—							
51	P	" Pins Cross Rod 1½"	2	D-30104-5 Line	—	D-30104-5 Line	—	—	—	—
52	P	" " Lever 1½"	4	" 23 Line	—	D-30104-23 Line	—	—	—	—
53	P	" " Push Rod 1¾"	2	" 24 Line	—	D-30104-24 Line	—	—	—	—
54										
55										
56										
57										
58										
59										
60										
61										

Item	Check	TITLE		No. Pce.	PRINCIPAL DRAWING Card No.	Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1		HANDRAIL		—							
2		"	Column	—							
3		"	"	—							
4		"	Ball	—							
5		"	Flange	—							
6		"	"	—							
7	P	Bumper Handle		2	850-D-137	—	420-S-111	—	—	—	—
8		"	"	—							
9	P	Tank Handle	Front	2	470-E-413	—	470-S-250	—	—	—	—
10	P	"	" Real	2	"	—	470-S-249	—	—	—	—
11	P	"	" " Top	2	"	—	470-S-267	—	—	—	—
12											
13											
14											
15											
16											
17		HANGERS		—							
18											
19											
20											
21											
22		PIPE CLAMPS									
23	P	Piping Between Eng & Tender			560-D-631	—	—	—	—	—	—
24	P	Water Joint Hanger		1	"	—	560-S-281	—	—	—	—
25	P	Pipe Elbow, air brake		1	560-D-604	—	—	560-P-73	—	—	—
26	P	" "	Support	1	560-D-608	Style 1.	560-D-608	—	—	—	—
27											
28											
29		PILOT									
30		"	Band								
31		"	Brace								
32		"	"								
33		"	Bottom Plate								
34		"	Bracket								
35		"	Corner Iron								
36		"	Knee								
37		"	Nose								
38		"	Shoe								
39		"	Strap								
40		"	Sword								
41											
42											
43											
44											
45											
46											
47	P I	STEPS—Front		2	410-D-83	Drill R & L	—	410-P-26	—	—	—
48		Front Step Hanger		—							
49	P	"	" Brace R L	1 1	850-E-145	—	410-S-105	—	—	—	—
50	P I	Steps—Back		2	410-D-83	Drill R & L	—	410-P-26	—	—	—
51		Back Step Hanger		—							
52		"	" Brace R L	1 1	850-D-137	—	410-S-106	—	—	—	—
53		Tank Step		—							
54		"	"	—							
55	P	Tank Ladder		1	470-D-244	—	470-D-244	—	—	—	—
56	P I	"	Deck Support. Outside R L	1 1	410-D-36	—	—	410-P-27 410-P-28	—	—	—
57	P I	"	" " Inside R L	1 1	410-D-37	—	—	23032 23033	—	—	—
58											
59											
60											
61											

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1		SIGNAL FIXTURES	—							
2		Flag Socket	—							
3		Marker Bracket	—							
4	RI	Lamp Bracket	2	520-D-146	—	—	—	—	—	520-P-11 ✓
5		" Hook	—							
6		Pail Hook	—							
7		Headlight Bracket	—							
8		" Shelf	—							
9	P	Ownership Plate	2	420-D-1107	on Outside Frame Channel Near Center of Frame	—	420-P-238 ✓	—	—	—
10						—				
11										
12										
13										
14										
15		STEAM HEAT	—							
16		" " Piping	—							
17										
18										
19										
20										
21		SAND BOX	—							
22		" " Handle	—							
23		" " Brace	—							
24		" Scoop	—							
25										
26										
27										
28										
29		SPRINGS								
30	R	Truck Spring	24	840-D-45	Class D. M.C.B. Std	—	—	—	—	—
31		" "	—							
32		" " End Washer	—							
33		" " " Block	—							
34		Buffer Spring	—							
35		Coupler Spring	—							
36	P	Draw Spring	2	850-D-137	Double Coil 7 3/4" OS D. 1 9/16 Steel. 9 1/2" Free Height 4 1/2 " 15/16 " 9 1/2" " "					
37		" "	—							
38		Water Scoop Spring	—							
39	P	Brake Beam Leveling Spring	4	450-D-263	Malt. Std	450-D-263	—	—	—	—
40										
41										
42	RI	Tank Lug Braces. Rear	4	470-D-246	—	—	—	—	470-P-35 ✓	—
43	RI	" " " Front	2	"	—	—	—	—	470-P-37 ✓	—
44										
45	P	TANK—Water	1	887A8 ~~470-E-413~~	Tool Closets to have Wood Floors 1050 Gallon	Bend Angles & Tees				
46	P	" Material Bill M.O 1994-A								
47		" Angle Iron	—							
48		" Brace	—							
49	P	~~" Knee~~ Funnel Strainer	~~1~~	~~470-D-231~~	~~4 Lbs. Mesh. 1/8 Wire~~	~~Bend Angle 470-S-248~~	—	—	—	—
50	P	~~" Lifter Iron~~ " Handle	~~1~~ 1	"	—		—	—	—	—
51		" Drain Pipe	—							
52		" " " Flange	—							
53	P	" Funnel Lid Support	2	470-E-413	—	470-S-252	—	—	—	—
54	P	" ~~Fuel Rack~~ Tool Hook	1	"	—	470-S-268	—	—	—	—
55	P	" Tool Hook	1	"	—	470-S-269	—	—	—	—
56	P	" Lug	6	"	—	470-S-07	—	—	—	—
57		" "	—							
58	P	I " Funnel	1	470-D-~~231~~ 446	—	—	470-P-41 ✓	—	—	—
59	P	" " Lid	1	" "	1/4" Plate	—	—	—	—	—
60	P	" " Hinge	2	" "	—	470-S-246	—	—	—	—
61	P	" " Handle	1	" "	—	470-S-91	—	—	—	—

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		TANK—Water (Cont.)								
1	P	Tank Coal Gate	1	470-D-407	5/16" Plate ord	—	—	—	—	—
2	P	Coal Gate Angle	2	"	3"x3"x3/8" "	—	—	—	—	—
3	P	" " Catch	4	"	—	470-S-258	—	—	—	—
4	P	" " Latch	2	"	—	470-S-257	—	—	—	—
5	P	" " Hinge	10	"	—	470-S-262	—	—	—	—
6	P	" " ~~Chain~~ Eyebolt	2	"	—	470-S-260	—	—	—	—
7	P	Tank Valve 2½" Gate	2	—	2½" Mall. Iron Body ord	—	—	—	—	—
8		" " Body	—							
9		" " Seat	—							
10		" " Rod	—							
11		" " Arm	—							
12		" " Handle	—							
13		" " Gland	—							
14		" " Goose Neck	—							
15		" " Nut	—							
16		" " Sleeve	—							
17		" " Hose Nut	—							
18		" " " Swivel	—	—						
19	PI	Tank Valve Flange	2	470-D-245	—	—	✓470-P-38	—	—	—
20		" " "	—							
21	PI	" " Strainer	4	D-47050-2 Line	—	—	—	—	470-P-43	~~470-P-43~~ ✓
22	PI	Tank ~~Well~~ "	4	"	—	—	—	—	470-P-44	~~470-P-44~~ ✓
23	PI	" " ~~Plug~~ Cover	2	"	—	—	—	—	470-P-42	~~470-P-42~~ ✓
24		" Syphon	—							
25		" " Pipe Support	—							
26		" " Brace	—							
27		Coal Passer								
28		" " Hod								
29		" " Angle Iron								
30		" " Tee Iron								
31		" " Hinge								
32		" " Brace								
33		" " Cylinder								
34		" " " Head								
35		" " Piston								
36		" " " Rings								
37		" " " Rod								
38		" " " " Hinge								
39	—	" " Piping								
40	P	" Gate Hinge	8	470-D-407	—	470-S-261	—	—	—	—
41	P	" " "	2	"	—	470-S-403	—	—	—	—
42	P	" " Catch Bracket	4	"	—	470-S-259	—	—	—	—
43	P	" " Slide Clamp	2	"	With 7/8" Square Bolt as Shown	470-S-308	—	—	—	—
44	P	Tank Cut Out For Stoker		390-E-723	Plate ord	—	—	—	—	—
45	P	" Coal Gate Handle	2	470-D-407	—	470-S-312	—	—	—	—
46		TANK—Oil								
47		" Material Bill								
48		" Angle Iron								
49		" Brace								
50		" Lifter Iron								
51		Tank Lug								
52		" "								
53		Tank Funnel								
54		" " Lid								
55		" " Hinge								
56		" " Screw								
57		" " Handle								
58		" " Gasket								
59										
60										
61										

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		TANK—Oil (Cont.)								
1		Oil Tank Plug								
2		" " Valve								
3		" " " Seat								
4		" " " Rod								
5		" " " Arm								
6		" " " Gland								
7		" " " Goose Neck								
8		" " " Nut								
9		" " " Sleeve								
10										
11										
12										
13										
14										
15										
16	P	TRUCK	2	-840-D-45	Economy Articulated 6"x11 Journals	—	—	—	—	—
17		" Arch Bar	—							
18		" Truss Bar	—							
19		" Tie Bar	—							
20		" Columns	—							
21		" "	—							
22	P	" Bolster	2	-840-D-45	Economy, ord	—	—	—	—	—
23	P	" " Guide	4	"	Economy "	—	—	—	—	—
24		" " Bar	—							
25		" " Cap	—							
26		" " Truss Rod	—							
27		" " " " Washer	—							
28		" " " " Handle	—							
29		" Center Plate	—							
30	P	" King Bolt	2	-450-D-265	—	450-D-265	—	—	—	—
31	P	" " " Keys	4	"	Style 2	450-D-265	—	—	—	—
32		" Spring Plank	—							
33	P	" " Seat	8	-840-D-45	Economy ord	—	—	—	—	—
34		" " Guide	—							
35		" " Hanger	—							
36		" " "	—							
37		" " " Gib	—							
38	P	" Side Bearing	4	-840-D-45	"Stucki" ord	—	—	—	—	—
39		" " " Block	—							
40	P	" Frame	4	-840-D-45	Economy, ord	—	—	—	—	—
41		" " Brace	—							
42		" " Crosstie	—							
43		" Pedestal	—							
44		" "	—							
45		" " Cap	—							
46		" " " Tie	—							
47	P	" Equalizer	8	-840-D-45	Economy, ord	—	—	—	—	—
48	P	" " Pin	8	"		450-S-174	—	—	—	—
49		" Swing Frame	—							
50		" " Link	—							
51		" " Pins	—							
52		" Check Chain	—							
53		" " " Bolt	—							
54		" " " Clevis	—							
55		" " " Pocket	—							
56	P	" Equalizer Safety Clip	8	840-D-45	—	450-S-179	—	—	—	—
57										
58										
59										
60										
61										

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron	
1	P	TRUCK BRAKE		840-D-~~25~~ 45	—	—	—	—	—	—	
2	P	" " Beam	4	"	Waycott #1. High Speed	—	—	—	—	—	
3		" " " Column	—								
4		" " " Truss	—								
5	P	" " " Support	8	840-D-~~25~~ 45	Make Two For Checking Length	450-S-178	—	—	—	—	
6	P	" " " Safety ~~Chain~~ Bar	4	"		450-S-175	—	—	—	—	
7		" " Head	—								
8	P	" " Shoe W.M. Std.	8	—	A.B.S. & Fdry Co.	—	—	—	—	—	
9	P	" " " Key	8	—	—	✓	—	—	—	—	
10		" " " Clevis	—								
11	P	" " Lever	2	450-D-264	—	450-D-264	—	—	—	—	
12		" " " Guide	—								
13	P	" " Dead Lever	2	450-D-264	—	450-D-264	—	—	—	—	
14	P	" " " " Anchor	2	840-D-~~25~~ 45	—	450-S-103	—	—	—	—	
15	P	" " Lever Rod	2	D-45009-13 GV	—	D-45009-13 GV	—	—	—	—	
16	P	" " Dead " Anchor Lug	2	840-D-~~25~~ 45	—	450-S-177	—	—	—	—	
17	P	Brake Beam Leveling Eyebolt	4	450-D-263	—	450-D-263	—	—	—	—	
18	P	Truck Brake Pins Bottom 1 7/32	8	D-30104-16 Line	—	D-30104-16 Line	—	—	—	—	4 7/8"
19	P	" " " Cap 1 7/32	8	" 37 Line	✓	D-30104-37 Line	—	—	—	—	5"
20	P	" " " Bolt 1 7/32	4	" 24 Line		D-30104-24 Line	—	—	—	—	3 9/16"
21	P	" " " Pillow Top Lug 1 3/32	8	" 7 Line		D-30104-7 Line	—	—	—	—	3 3/8"
22	P	TRUCK WHEEL	8	D-45132 6 Line	Davis Cast Steel	—	—	—	—	—	
23		Wheel Pressed On Axle (Tons)									
24		Wheel Center	—								
25		" Tire	—								
26		Tire Retaining Ring	—								
27	P	Tender Axle	4	450-D-02	M.C.B. 1366-A	—	—	—	—	—	
28	P	" Box ~~& Lids~~ & Lids	8	—	Natl. Mall. Csta	—	—	—	—	—	
29	P	" " Lid	~~8~~	—	~~M.C.B. Pressed Steel~~	—	—	—	—	—	
30		" " " Spring									
31	P	" " Journal Brass	8	—	6"x11" M.C.B. ord.	—	—	—	—	—	
32	P	" " " Wedge	8	—	Drop Forged. ord	—	—	—	—	—	
33	P	" " Dust Guard	8	—	Harrison	—	—	—	—	—	
34											
35											
36											
37											
38											
39											
40		TOOL BOX	—								
41		" "	—								
42		" " Handle	—								
43		" " "	—								
44		" " Brace	—								
45		" " "	—								
46	P I	" Closet Hinge	4/4	470-D-43	—	With Pins	—	—	—	—	470-P-39 470-P-40
47											
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
1		VALVES, COCKS & FITTINGS								
2		Angle Valve								
3		" " Cap								
4		" " Stem								
5		" " Gland								
6		" " Nut								
7		" " Handle								
8		" " Coupling Nut								
9		" " Swivel								
10										
11		Box Cooler Valve								
12		" " " Cap								
13		" " " Stem								
14		" " " Gland								
15		" " " Nut								
16		" " " Handle								
17		" " " Coupling Nut								
18		" " " Swivel								
19										
20		Box Cooler Hose								
21		" " Fitting								
22		" " " Nut								
23		" " " Swivel								
24										
25		Oil Tank Cock								
26		" " " Cap								
27		" " " Plug								
28		" " " Nut								
29		" " " Washer								
30		" " " Handle								
31										
32	P	Tank Cock Complete	1	D.47007 Line 3 old			—	—	—	—
33		" " Plug	—							
34		" " Nut	—							
35		" " Washer	—							
36		" " Handle	—							
37		" " Hose Nut	—							
38		" " " Swivel	—							
39										
40										
41										
42										
43										
44										
45		WATER COOLER								
46		" " Base								
47		" " Top								
48		" " Lid								
49		" " Casing								
50		" " Cock								
51		" " " Plug								
52		" " " Nut								
53										
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
1		WATER SCOOP								
2		Scoop Cylinder								
3		" " Head								
4		" " "								
5		" Piston								
6		" " Rings								
7		" " Rod								
8		" Inside Pipe								
9		" Outside Pipe								
10		" Air Pipe Casing								
11		" Neck								
12		" Splash Hood								
13		" Dipper								
14		" " Link								
15		" " Lifter								
16		" Shaft								
17		" " Fulcrum								
18		" Bell Crank								
19		" Arm								
20		" Spring								
21		" " Rod								
22		" " Seat								
23		" Jaws								
24		" Rods								
25		" Lever								
26		" Link								
27		" Bracket								
28		" Brace								
29		" Pipe Hanger								
30		" Operating Valve								
31		" " " Cap								
32		" " " Plug								
33		" " " Nut								
34		" " " Handle								
35		" " " Quadrant								
36		" " " Spring								
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
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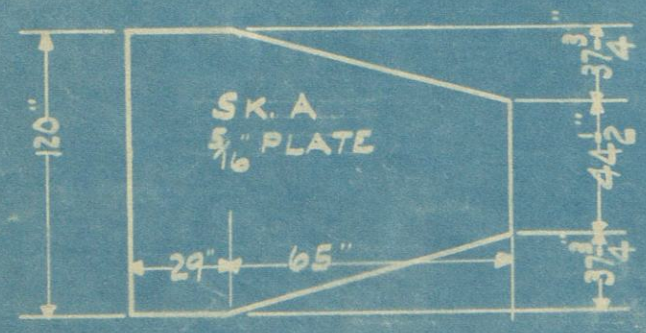
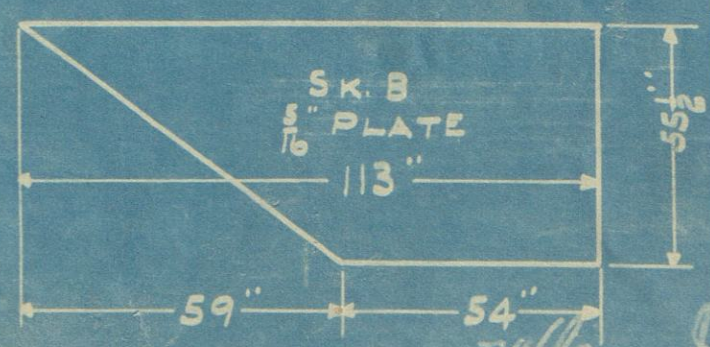
MATERIAL REQUIRED FOR 10500 GALL. TANK

	DESCRIPTION	THICK	WIDE	LONG	WEIGHT	MATERIAL
2	OUTSIDES 5/16 5554-63 only	1/4"	92 3/4"	27'-10"	4390#	TANK STEEL
1	" REAR	1/4"	68 1/2"	13'-5"	785	" "
1	" FRONT	1/4"	14 1/2"	32"	35	" "
2	" "	1/4"	46 1/2"	89"	585	" "
2	TOOL CLOSET SIDES	1/4"	37"	67"	350	" "
2	" " TOPS	1/4"	30 1/2"	33"	145	" "
2	" " BACKS	1/4"	38 1/2"	67"	365	" "
2	BOTTOMS	5/16"	96"	120"	2040	" "
2	"	5/16"	97	120"	2060	" "
2	TOPS	5/16"	108"	120"	2295	" "
1	SLOPE SHEET-REAR	5/16"	SK. A.		785	" "
2	" " -SIDE	5/16"	SK. B.		775	" "
2	WATER BOTTOM (TOPS)	5/16"	51 1/2"	51 1/2"	675	" "
1	COAL BOARD	1/4"	34"	120"	290	" "
1	HOPPER BOTTOM	5/16"	44 1/2"	51"	210	" "
1	" SHEET SIDE	3/8"	35"	84 1/2"	310	" "
1	" " "	3/8"	35"	96 1/2"	350	" "
1	" " BACK	3/8"	35"	44 1/2"	160	" "
1	SLOPE SHEET TOP	1/4"	74"	120"	630	" "
2	SPLASH PLATES	1/4"	38"	19'-2 1/2"	1160	" "
4	" "	1/4"	40"	67"	750	" "
6	" "	1/4"	39 1/4"	67"	1100	" "
8	" "	1/4"	8"	67"	300	" "
2	" "	1/4"	20"	47 1/2"	135	" "
2	BRACE "	3/8"	16"	40"	135	" "
2	TOOL CLOSET DOORS	1/4"	15 1/2"	27 1/2"	60	" "
2	" BOX "	1/4"	13 1/2"	43 1/2"	80	" "
2	" " BACK	1/4"	20"	60"	170	" "
1	BRACE PLATE	1/4"	22"	39"	60	" "
1	TANK FUNNEL COVER	1/4"	21"	39 1/2"	60	" "
2	COAL GATE PLATES	5/16"	27"	29 1/2"	130	" "
2	" " "	5/16"	36 1/2"	29 1/2"	190	" "
1	" " WINGS (MAKES 2)	5/16"	25	29	65	" "
3	SLIDE PLATES	5/16"	17 1/2"	22	105	" "
2	" " GUIDE BAR	7/8"	4"	80"	160	" "
2	" " SUPPORTS	3/8"	6	88	110	" "
2	DECK "	5/8"	14	36"	180	" "
1	" "	5/16"	18"	72 1/2"	115	" "
1	EXTRA DECK PLATE	5/16"	16 1/2"	21 1/2"	30	" "

16 PCS. TEE IRON 4"X3"X3/8" 119" LONG
14 " " " 4"X3"X3/8" 62" "
4 " " " 4"X3"X3/8" 58" "
2 " " " 4"X3"X3/8" 27" "
430 FT 2 1/2"X2 1/2"X3/8" ANGLE IRON
12 " 3"X3"X3/8" " "
10 " 2"X2"X5/16" " "
12 " 4"X4"X 1/2" " "
2 PCS TEE IRON 4"X3"X3/8" 44" LONG
60 FT 1 1/2" HALF ROUND BEADING IRON





DRAWN:-J.R.M. TRACED:-G.J. CHECKED:-G.R.A APPROVED W. Berger

MATERIAL ORDER # 1994-A

1-5-17

5554-63

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